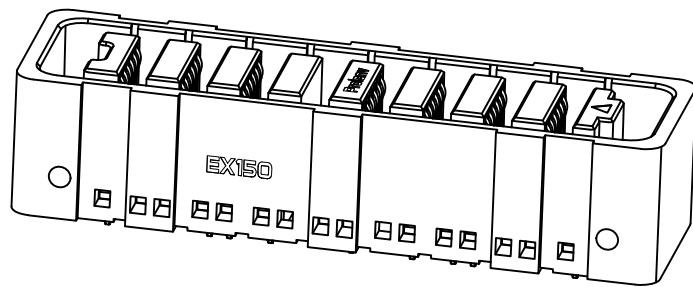
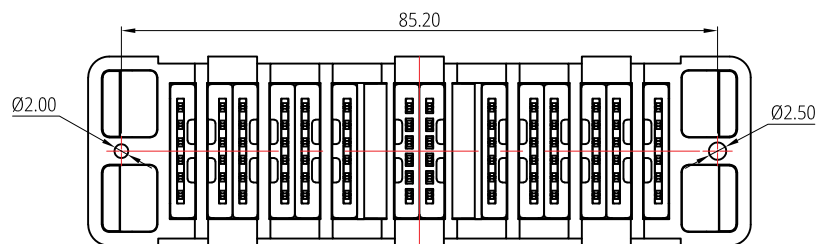
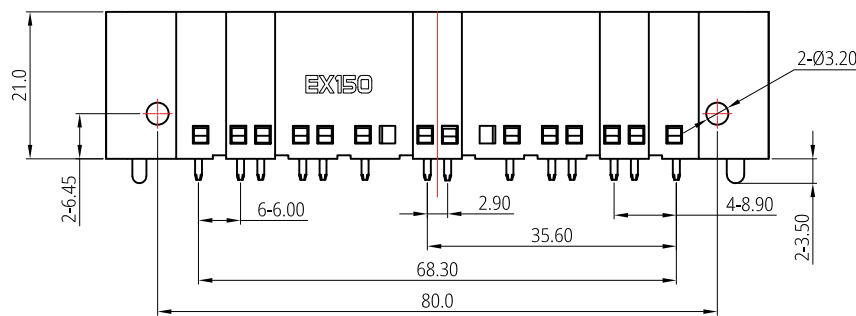
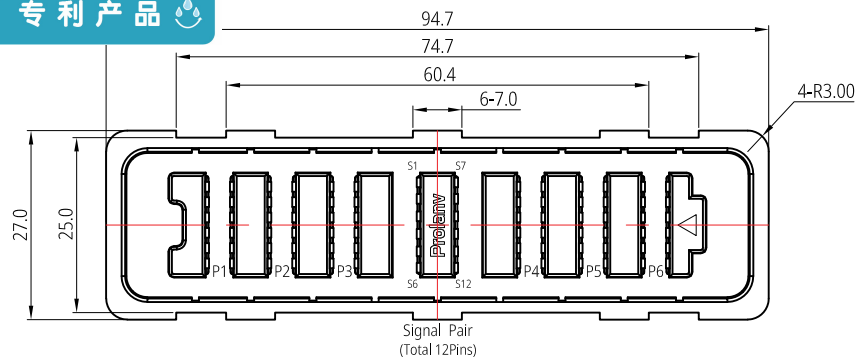
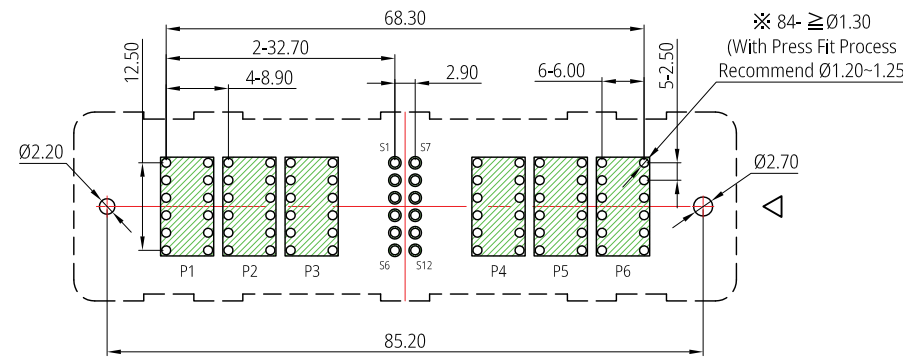


Patented product
专利产品



3D View



Recommended P.C.B layout (Top View)

Tolerance ± 0.05

Notes:

1. Material Specification

1-1. Housing: High Temperature Thermoplastic. UL94 V-0, Black.

1-2. Contact: High Conductivity Copper Alloy.

2. Plating Specification:

2-1. Contact: Gold plating on Contact area, matte Tin 80μ " min. on Tails, and 50μ " min. Nickel overall.

3. Electrical performance

3-1. Voltage Rating: 600v DC/250v AC/Power Blade, 120v AC/DC/Signal Pin.

3-2. Current Rating: 150A Max./Per Power Blade, 7.5A Max./Per Signal Pin.

3-3. LLCR: initial $0.5m\Omega$ max., finished $1.0m\Omega$ maximum change.(per Power Blade) initial $10m\Omega$ max., finished $20m\Omega$ max.(per Signal Pin)

3-4. Dielectric Withstanding Voltage:

2000v DC rms/Power Blade, 500v DC rms/Signal Pin.

3-5. Insulation Resistance: 5000 M Ω min./power blade.

4. Mechanical Performance:

4-1. Insertion force: 24.5N (2.5kgf) max./Per Pair.

4-2. Withdrawal force: 4.9N (0.5kgf) min./Per Pair.

4-3. Durability life: 5,000 cycles max.

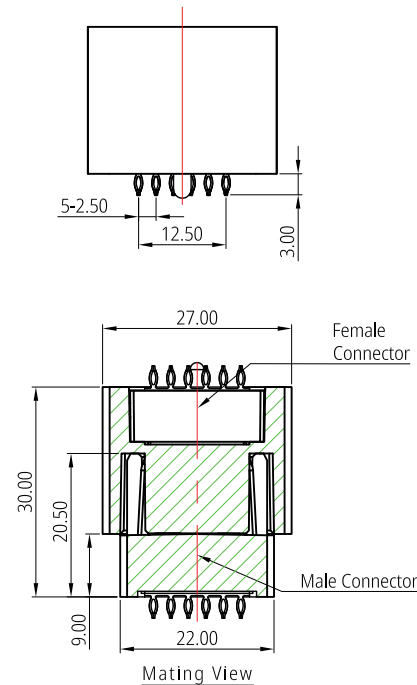
5. IR Reflow:

The peak temperature on board shall be maintained for 10 seconds at $260\pm 5^\circ\text{C}$.

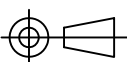
6. Operating Temperature Range: $-40\sim 125^\circ\text{C}$.

7. All parts RoHS and Reach compliant.

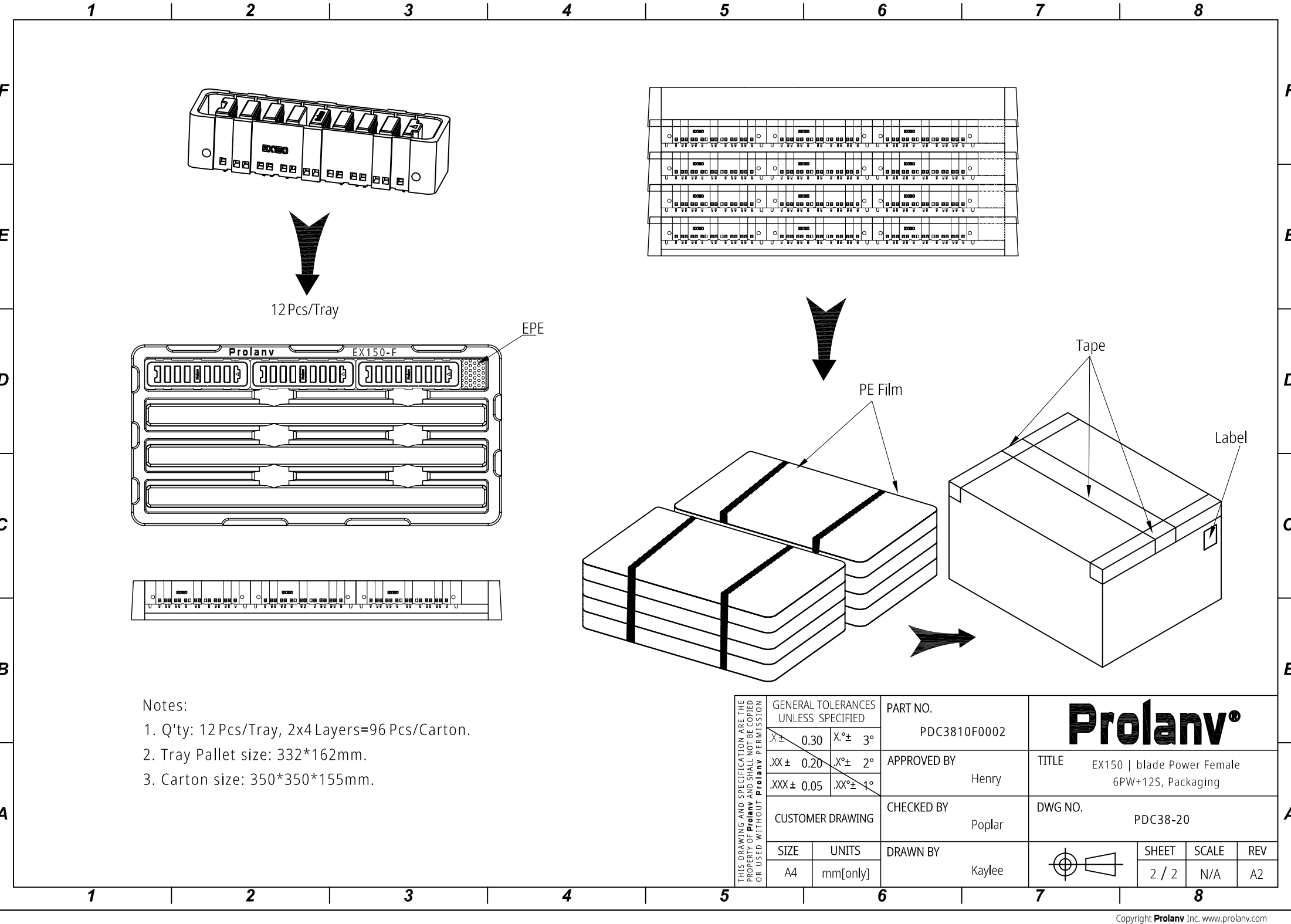
8. * See SPS-PDC-08 for Terminal details.



Mating View

THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF Prolanv AND SHALL NOT BE COPIED OR USED WITHOUT Prolanv PERMISSION	GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	Prolanv®			
	X ± 0.30	X° ± 3°	PDC3810F0002				
	XX ± 0.20	X° ± 2°	APPROVED BY	TITLE	EX150 blade Power Female 6PW+12S, Straight Type		
	XXX ± 0.10	XX° ± 1°	Henry				
	CUSTOMER DRAWING		CHECKED BY	DWG NO.	PDC38-20		
			Poplar				
	SIZE	UNITS	DRAWN BY				SHEET
A4	mm[only]	Kaylee	1 / 2			1:1	A3

Optimized version | Modular waterproof
升级版本. 模组化防水结构



- Notes:
- 1. Q'ty: 12 Pcs/Tray, 2x4 Layers=96 Pcs/Carton.
 - 2. Tray Pallet size: 332*162mm.
 - 3. Carton size: 350*350*155mm.

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	X± 0.30	X°± 3°	PDC3810F0002			
	XX± 0.20	X°± 2°	APPROVED BY	TITLE EX150 blade Power Female		
	XXX± 0.05	XX°± 1°	Henry	6PW+12S, Packaging		
	CUSTOMER DRAWING		CHECKED BY	DWG NO. PDC38-20		
	SIZE UNITS		Poplar			
	A4	mm[only]	DRAWN BY			
			Kaylee			
					SHEET	SCALE
					2 / 2	N/A
						REV
						A2